

## Overview corporate bonds ABP

In this overview below the holdings of ABP as per 31 December 2017 are shown, according to market value rounded off in millions EURO. The list contains corporate bonds (including covered bonds) which are provided with an exchange code\*.

Region	Country	Description	Sector	Market Value EUR Mio.
<b>Africa</b>				<b>13</b>
	<b>Ghana</b>			<b>3</b>
		Kosmos Energy Ltd	Energy	1
		Tullow Oil PLC	Energy	2
	<b>South Africa</b>			<b>5</b>
		Sappi Ltd	Basic Materials	5
	<b>Zambia</b>			<b>4</b>
		First Quantum Minerals Ltd	Basic Materials	4
<b>Asia</b>				<b>244</b>
	<b>China</b>			<b>47</b>
		Alibaba Group Holding Ltd	Consumer cyclical	44
		Jining Ruyi Investment Co Ltd	Consumer cyclical	2
	<b>Hong Kong</b>			<b>&lt;0.5</b>
		Noble Group Ltd	Industrials	<0.5
	<b>Israel</b>			<b>91</b>
		Teva Pharmaceutical Industries	Consumer non cyclical	91
	<b>Japan</b>			<b>66</b>
		Mitsubishi UFJ Financial Group	Financials	13
		SoftBank Group Corp	Telecommunication	53
	<b>Korea (South)</b>			<b>37</b>
		Industrial Bank of Korea	Financials	10
		Korea Development Bank/The	Financials	27
	<b>United Arab Emirates</b>			<b>3</b>
		Dubai Aerospace Enterprise DAE	Industrials	3
<b>Europe</b>				<b>14,002</b>
	<b>Austria182</b>			
		Agnaten SE	Consumer non cyclical	59
		Autobahnen- und Schnell- strassen- Finanzierungs AG	Consumer non cyclical	36
		Heta Asset Resolution AG	Financials	17
		OeBB Holding AG	Industrials	36
		Oesterreichische Kontrollbank	Financials	20
		OMV AG	Energy	14
	<b>Belgium</b>			<b>636</b>
		Anheuser-Busch InBev SA/NV	Consumer non cyclical	216
		Argenta Bank- en Verzekeringsg	Financials	46
		Eandis System Operator SCRL	Utilities	42
		KBC Group NV	Financials	131
		Nyrstar NV	Basic Materials	15

	Proximus SADP	Telecommunication	35
	Publifin IC	Utilities	33
	Sarens Bestuur NV	Industrials	3
	Solvay SA	Basic Materials	114
<b>Czech Republic</b>			<b>30</b>
	CPI Property Group SA	Industrials	20
	RESIDOMO Sro	Financials	10
<b>Denmark</b>			<b>366</b>
	Carlsberg A/S	Consumer non cyclical	27
	Danske Bank A/S	Financials	169
	Foreningen Nykredit FMBA	Securitized	68
	Nets A/S	Consumer non cyclical	4
	Orsted A/S	Utilities	98
<b>Finland</b>			<b>105</b>
	Lakeside Network Investments S	Utilities	30
	Nokia OYJ	Telecommunication	15
	Stora Enso OYJ	Basic Materials	7
	Suomi Power Networks Topco BV	Utilities	54
<b>France</b>			<b>2,414</b>
	Abertis Infraestructuras SA	Industrials	34
	Aeroports de Paris	Industrials	17
	Agence Francaise de Developpement	Financials	78
	Arkema SA	Basic Materials	49
	AXA SA	Financials	81
	BH SASU	Consumer cyclical	4
	BNP Paribas SA	Financials	299
	Capgemini SE	Information technology	30
	CNP Assurances	Financials	34
	Constantin Investissement 1 SA	Consumer non cyclical	5
	Credit Agricole Group	Financials	165
	Credit Mutuel-CM11 Group/The	Financials	203
	Dakar CayCo LP	Consumer cyclical	5
	Dexia SA	Financials	120
	Eiffage SA	Industrials	24
	Electricite de France SA	Utilities	159
	Engie SA	Utilities	140
	Europcar Groupe SA	Consumer non cyclical	5
	Finatis SA	Consumer non cyclical	10
	Groupe BPCE	Financials	152
	Horizon Holdings I SAS	Industrials	14
	HSBC Holdings PLC	Financials	35
	Inmobiliaria Colonial Socimi S	Real Estate	27
	La Financiere Atalian SAS	Consumer non cyclical	11
	Loxam SAS	Consumer non cyclical	20
	Mobilux Sarl	Consumer cyclical	7
	Next Alt Sarl	Telecommunication	62
	Novafives SAS	Industrials	2
	Orange SA	Telecommunication	90
	PSA Banque France SA	Consumer cyclical	11
	Regie Autonome des Transports	Industrials	15

	Renault SA	Consumer cyclical	20
	RZ Invest SA	Consumer cyclical	1
	SNCF Reseau EPIC	Consumer non cyclical	89
	Societe Generale SA	Financials	179
	SPCM SA	Basic Materials	10
	SPIE SA	Industrials	11
	Suez	Utilities	13
	TOTAL SA	Energy	122
	Vallourec SA	Industrials	6
	Veolia Environnement SA	Utilities	11
	Vinci SA	Industrials	47
<b>Germany</b>			<b>2,365</b>
	Allianz SE	Financials	147
	Banco Santander SA	Financials	49
	Bayer AG	Consumer non cyclical	49
	BayernLB Holdings AG	Financials	28
	Brenntag AG	Basic Materials	26
	CBR Fashion Holding GmbH	Consumer cyclical	6
	Commerzbank AG	Financials	56
	CTC BondCo GmbH	Basic Materials	5
	Daimler AG	Consumer cyclical	70
	Deutsche Bahn AG	Industrials	26
	Deutsche Bank AG	Financials	67
	Deutsche Telekom AG	Telecommunication	33
	Deutsche Wohnen SE	Real Estate	39
	DZ Bank AG Deutsche Zentral-Ge	Financials	45
	E.ON SE	Utilities	26
	Elevate BC Sarl	Industrials	10
	Elia System Operator SA/NV	Utilities	41
	EnBW Energie Baden- Wuerttemberg	Utilities	39
	Erwerbgesellschaft der S-Fina	Financials	24
	Evonik Industries AG	Basic Materials	11
	Fresenius SE & Co KGaA	Health Care	73
	Grand City Properties SA	Financials	57
	HeidelbergCement AG	Industrials	55
	IHO Beteiligungs GmbH	Consumer cyclical	93
	JH-Holding GmbH	Basic Materials	5
	Kirk Beauty Sarl	Consumer cyclical	10
	Kreditanstalt fuer Wiederaufbau	Financials	563
	Landeskreditbank Baden-Wuertte	Financials	16
	Landwirtschaftliche Rentenbank	Financials	57
	LANXESS AG	Basic Materials	5
	Liberty Global PLC	Telecommunication	49
	Muenchener Rueckversicherungs-	Financials	15
	Nidda Topco Sarl	Consumer non cyclical	17
	NRW Bank	Financials	106
	RWE AG	Utilities	108
	Salsa Retail Holding TopCo Sar	Consumer cyclical	6
	Schustermann & Borenstein GmbH	Consumer cyclical	11

	Siemens AG	Industrials	45
	Volkswagen AG	Consumer cyclical	156
	Vonovia SE	Real Estate	112
	WEPA Industrieholding SE	Basic Materials	4
	ZF Friedrichshafen AG	Consumer cyclical	5
<b>Greece</b>			<b>7</b>
	Intralot SA-Integrated Lottery	Consumer cyclical	7
<b>Ireland</b>			<b>179</b>
	ARD Holdings SA	Industrials	43
	CRH PLC	Industrials	49
	Electricity Supply Board	Utilities	33
	ERVIA	Utilities	27
	James Hardie Industries PLC	Industrials	5
	Liberty Latin America Ltd	Telecommunication	4
	Smurfit Kappa Group PLC	Basic Materials	18
<b>Italy</b>			<b>746</b>
	2i Rete Gas SpA	Utilities	36
	Atlantia SpA	Industrials	35
	Buzzi Unicem SpA	Industrials	12
	Cassa Depositi e Prestiti SpA	Financials	46
	Cooperativa Muratori & Cementi	Industrials	3
	Enel SpA	Utilities	133
	FCA Bank SpA	Consumer cyclical	82
	Ferrovie dello Stato Italiane	Industrials	26
	Fin.Ast Srl	Industrials	2
	Intesa Sanpaolo SpA	Financials	103
	Leonardo SpA	Industrials	13
	Mediobanca Banca di Credito Fi	Financials	43
	Pro-Gest SpA	Industrials	10
	Saipem SpA	Energy	10
	Salini Costruttori SpA	Industrials	9
	Schumann SpA	Consumer cyclical	4
	Snam SpA	Utilities	32
	Telecom Italia SpA/Milano	Telecommunication	77
	Terna Rete Elettrica Nazionale	Utilities	16
	VIP-CKH Luxembourg Sarl	Telecommunication	52
<b>Jersey</b>			<b>16</b>
	LHC1 Ltd	Financials	10
	Nemean Topco Ltd	Financials	6
<b>Luxembourg</b>			<b>235</b>
	ArcelorMittal	Basic Materials	24
	ARD Holdings SA	Industrials	29
	Cidra SARL	Consumer non cyclical	11
	FAGE International SA	Consumer non cyclical	6
	Hainan Traffic Administration	Industrials	3
	INEOS Ltd	Basic Materials	15
	Intelsat SA	Telecommunication	37
	Kleopatra Holdings 1 SCA	Industrials	3
	Liberty Global PLC	Telecommunication	2
	MEIF 5 Arena Ventures Sarl	Consumer non cyclical	7
	Next Alt Sarl	Telecommunication	57

	OCH-AT Holding SA	Telecommunication	28
	SIG Combibloc Group Holdings S	Industrials	9
	Vita Holding Sarl	Industrials	5
<b>Netherlands</b>			<b>2,508</b>
	ABN AMRO Group NV	Financials	125
	Adria Luxco Sarl	Telecommunication	21
	AerCap Holdings NV	Financials	45
	Alliander NV	Utilities	20
	Anbang Insurance Group Co Ltd	Financials	36
	ASML Holding NV	Information technology	21
	ASR Nederland NV	Financials	41
	Bank Nederlandse Gemeenten	Financials	176
	Constellium NV	Basic Materials	11
	Cooperatieve Rabobank UA	Financials	141
	de Volksholding BV	Securitized	14
	Dutch Lion Cooperatief UA	Consumer cyclical	8
	Enexis Holding NV	Utilities	140
	Heineken Holding NV	Consumer non cyclical	67
	Infopro Digital Group BV	Consumer non cyclical	10
	ING Groep NV	Financials	283
	Koninklijke Ahold Delhaize NV	Consumer non cyclical	24
	Koninklijke KPN NV	Telecommunication	2
	Liberty Global PLC	Telecommunication	3
	Lincoln TopCo Pte Ltd	Financials	22
	LP Group BV	Financials	138
	Maxeda DIY Group BV	Consumer cyclical	8
	Motherson Sumi Systems Ltd	Consumer cyclical	10
	Nederlandse Financierings- Maatschappij Voor Ontwikkelingslanden N.V.	Financials	130
	Nederlandse Gasunie NV	Utilities	33
	Nederlandse Waterschapsbank NV	Financials	213
	NIBC Holding NV	Financials	46
	NN Group NV	Financials	75
	NXP Semiconductors NV	Information technology	28
	PostNL NV	Industrials	16
	REMA Investments Cooperatief U	Industrials	12
	Royal Dutch Shell PLC	Energy	66
	Royal Schiphol Group NV	Industrials	24
	Stedin Holding NV	Utilities	108
	TenneT Holding BV	Utilities	163
	Vereniging Achmea	Financials	130
	Vesteda Residential Fund FGR	Financials	67
	VodafoneZiggo Group Holding BV	Telecommunication	10
	Wolters Kluwer NV	Telecommunication	21
<b>Norway</b>			<b>375</b>
	Avinor AS	Industrials	46
	Banco Santander SA	Financials	72
	DNB ASA	Financials	128

	Kommunal		
	Landspensjonskasse Gj	Financials	31
	Statkraft SF	Utilities	77
	Statnett SF	Utilities	20
<b>Portugal</b>			<b>39</b>
	EDP - Energias de Portugal SA	Utilities	39
<b>Romania</b>			<b>13</b>
	Digi Communications NV	Telecommunication	6
	Globalworth Real Estate Invest	Financials	8
<b>Spain</b>			<b>949</b>
	Acek Desarrollo y Gestion Indu	Consumer cyclical	4
	Adif - Alta Velocidad	Consumer non cyclical	49
	Avot Inversiones SL	Consumer cyclical	10
	Banco Bilbao Vizcaya Argentari	Financials	84
	Banco Santander SA	Financials	172
	Bankinter SA	Securitized	30
	BFA Sociedad Tenedora de Accio	Securitized	59
	CaixaBank SA	Securitized	59
	Cellnex Telecom SA	Telecommunication	16
	CIRSA Gaming Corp SA	Consumer cyclical	5
	Codere SA/Spain	Consumer cyclical	9
	Ferrovial SA	Industrials	62
	Gas Natural SDG SA	Utilities	84
	Grifols SA	Consumer non cyclical	23
	Grupo Aldesa SA	Industrials	6
	Iberdrola SA	Utilities	40
	Inversora Carso SA de CV	Utilities	48
	Lecta SA	Basic Materials	10
	Repsol SA	Energy	38
	Telefonica SA	Telecommunication	125
	Viesgo Infraestructuras Energe	Utilities	17
<b>Sweden</b>			<b>810</b>
	Cherry AB	Consumer cyclical	12
	Com Hem Holding AB	Telecommunication	7
	Essity AB	Consumer non cyclical	68
	Fastighets AB Balder	Real Estate	75
	Intrum Justitia AB	Financials	14
	Nordea Bank AB	Financials	113
	SBAB Bank AB	Financials	81
	Skandinaviska Enskilda Banken	Financials	84
	Svenska Handelsbanken AB	Financials	122
	Swedbank AB	Financials	99
	Vattenfall AB	Utilities	49
	Verisure Topholding AB	Consumer non cyclical	16
	Volvo AB	Consumer cyclical	61
	Zhejiang Geely Holding Group C	Consumer cyclical	9
<b>Switzerland</b>			<b>747</b>
	Credit Suisse Group AG	Financials	274
	Dufry AG	Consumer cyclical	9
	Glencore PLC	Basic Materials	90
	LafargeHolcim Ltd	Industrials	13

	Novartis AG	Consumer non cyclical	17
	Roche Holding AG	Consumer non cyclical	34
	TE Connectivity Ltd	Information technology	19
	UBS Group AG	Financials	264
	Zurich Insurance Group AG	Financials	28
	<b>United Kingdom</b>		<b>1,281</b>
	Aermont Capital LLP	Financials	5
	Anglian Water Group Ltd	Utilities	22
	Anglo American PLC	Basic Materials	42
	Ashtead Group PLC	Industrials	5
	AstraZeneca PLC	Consumer non cyclical	44
	Atotech UK Topco Ltd	Basic Materials	4
	Banco Santander SA	Financials	89
	Barclays PLC	Financials	100
	Boparan Holdco Ltd	Consumer non cyclical	3
	BP PLC	Energy	94
	British American Tobacco PLC	Consumer non cyclical	80
	BSREP II Center Parcs Jersey L	Consumer cyclical	16
	CNH Industrial NV	Industrials	13
	Drax Group PLC	Utilities	10
	Europcar Groupe SA	Consumer non cyclical	2
	Everest UK TopCo Ltd	Industrials	7
	FGP TopCo Ltd	Industrials	7
	Fiat Chrysler Automobiles NV	Consumer cyclical	5
	G4S PLC	Consumer cyclical	40
	Global Switch Holdings Ltd	Telecommunication	44
	Grainger PLC	Industrials	8
	HSBC Holdings PLC	Financials	190
	Iceland Topco Ltd	Consumer non cyclical	10
	JBS SA	Consumer non cyclical	3
	KCAD Holdings I Ltd	Energy	1
	Liberty Global PLC	Telecommunication	64
	Merlin Entertainments PLC	Consumer cyclical	11
	Missouri TopCo Ltd	Consumer cyclical	5
	National Grid PLC	Utilities	45
	Nationwide Building Society	Securitized	23
	Noble Corp plc	Energy	10
	North West Electricity Network	Utilities	12
	PPL Corp	Utilities	16
	Rac Group Holdings Ltd	Consumer non cyclical	13
	Reckitt Benckiser Group PLC	Consumer non cyclical	31
	Redhill Famco Ltd	Financials	8
	Royal Bank of Scotland Group P	Financials	35
	SEGRO European Logistics Partn	Real Estate	13
	Sky PLC	Telecommunication	22
	SSE PLC	Utilities	24
	Standard Chartered PLC	Financials	33
	Tata Motors Ltd	Consumer cyclical	8
	Tesco PLC	Consumer non cyclical	37
	Thomas Cook Group PLC	Consumer cyclical	14
	Top Gun Bidco Ltd	Consumer cyclical	1

	Viridian TopCo Ltd	Utilities	8
	Worldpay Inc	Information technology	4
<b>North America</b>			<b>12,678</b>
<b>Bermuda</b>			<b>29</b>
	Bacardi Ltd	Consumer non cyclical	29
<b>Canada</b>			<b>402</b>
	Air Canada	Industrials	9
	Alimentation Couche-Tard Inc	Consumer cyclical	29
	Barrick Gold Corp	Basic Materials	13
	Bombardier Inc	Industrials	23
	Calfrac Well Services Ltd	Energy	1
	Canada Pension Plan Investment	Financials	12
	Cenovus Energy Inc	Energy	53
	Clearwater Seafoods Inc	Consumer non cyclical	8
	Cott Corp	Consumer non cyclical	20
	Encana Corp	Energy	17
	Entertainment One Ltd	Telecommunication	6
	goeasy Ltd	Financials	5
	Hudbay Minerals Inc	Basic Materials	4
	Jupiter Resources Inc	Energy	1
	Kinross Gold Corp	Basic Materials	40
	Magna International Inc	Consumer cyclical	38
	MEG Energy Corp	Energy	8
	Mercer International Inc	Basic Materials	10
	Mountain Province Diamonds Inc	Basic Materials	4
	Mubadala Investment Co	Basic Materials	9
	Precision Drilling Corp	Energy	4
	Quebecor Inc	Telecommunication	6
	Restaurant Brands Internationa	Consumer cyclical	3
	Seven Generations Energy Ltd	Energy	3
	Suncor Energy Inc	Energy	14
	Teck Resources Ltd	Basic Materials	14
	Toronto-Dominion Bank/The	Financials	48
<b>Jamaica</b>			<b>9</b>
	Digicel Investments Ltd	Telecommunication	9
<b>Mexico</b>			<b>136</b>
	America Movil SAB de CV	Telecommunication	23
	Cemex SAB de CV	Industrials	7
	Comision Federal de Electricid	Utilities	14
	Petroleos Mexicanos	Energy	91
<b>Trinidad and Tobago</b>			<b>4</b>
	Proman Holding AG	Basic Materials	4
<b>United States</b>			<b>12,098</b>
	Abbott Laboratories	Health Care	64
	AbbVie Inc	Consumer non cyclical	96
	Activision Blizzard Inc	Telecommunication	37
	Adient PLC	Consumer cyclical	18
	AECOM	Industrials	6
	AerCap Holdings NV	Financials	8
	AES Corp/VA	Utilities	24
	Aetna Inc	Financials	17
	AI Entertainment Holdings LLC	Telecommunication	8



Air Medical Group Holdings Inc	Health Care	6
Air Methods Corp	Health Care	4
AK Steel Holding Corp	Basic Materials	3
Albemarle Corp	Basic Materials	25
Alcoa Corp	Basic Materials	2
Aleris Corp	Basic Materials	7
Allegheny Technologies Inc	Basic Materials	4
Allergan PLC	Consumer non cyclical	116
Ally Financial Inc	Financials	51
Alphabet Inc	Information technology	13
Alta Mesa Resources Inc	Energy	1
Altria Group Inc	Consumer non cyclical	13
Amazon.com Inc	Consumer cyclical	50
American Airlines Group Inc	Industrials	55
American Electric Power Co Inc	Utilities	71
American Express Co	Financials	44
American Greetings Corp	Consumer non cyclical	3
American International Group I	Financials	85
American Midstream Partners LP	Energy	3
American Tower Corp	Telecommunication	89
American Water Works Co Inc	Utilities	9
American Woodmark Corp	Industrials	5
Amgen Inc	Consumer non cyclical	31
Anadarko Petroleum Corp	Energy	66
Andeavor	Energy	55
Antero Resources Corp	Energy	8
Anthem Inc	Financials	28
Aon PLC	Financials	14
Apache Corp	Energy	25
Apex Tool Group LLC	Industrials	7
Apple Inc	Information technology	84
Aptiv PLC	Consumer cyclical	16
Aramark	Consumer cyclical	8
Arch Parent Inc	Consumer cyclical	2
Arconic Inc	Industrials	30
Argos Holdings LP	Consumer cyclical	5
AT&T Inc	Telecommunication	431
Atmos Energy Corp	Utilities	22
Avis Budget Group Inc	Consumer non cyclical	11
Axalta Coating Systems Ltd	Basic Materials	15
B&G Foods Inc	Consumer non cyclical	9
Ball Corp	Industrials	13
Banco Bilbao Vizcaya Argentari	Financials	24
Banco Santander SA	Financials	39
Bank of America Corp	Financials	460
BB&T Corp	Financials	57
Beacon Roofing Supply Inc	Industrials	33
Beazer Homes USA Inc	Consumer cyclical	6
Becton Dickinson and Co	Health Care	87
Belden Inc	Industrials	31
Berkshire Hathaway Inc	Industrials	75
Bill Barrett Corp	Energy	1

Boston Properties Inc	Real Estate	17
Boxer Parent Co Inc	Information technology	9
Boyd Gaming Corp	Consumer cyclical	4
Broadcom Ltd	Information technology	94
BWAY Parent Co Inc	Industrials	19
CA Inc	Information technology	6
Caesars Entertainment Corp	Consumer cyclical	7
California Resources Corp	Energy	5
Calpine Corp	Utilities	17
Calumet Specialty Products Par	Energy	21
Capital One Financial Corp	Financials	68
Carrizo Oil & Gas Inc	Energy	1
Catalent Inc	Consumer non cyclical	5
CDK Global Inc	Information technology	5
CDW Corp/DE	Information technology	8
CenterPoint Energy Inc	Utilities	25
Central Garden & Pet Co	Consumer non cyclical	2
CenturyLink Inc	Telecommunication	43
CF Industries Holdings Inc	Basic Materials	79
Charter Communications Inc	Telecommunication	195
Chemours Co/The	Basic Materials	40
Cheniere Energy Inc	Energy	70
Cheniere Energy Partners LP	Energy	70
Chesapeake Energy Corp	Energy	19
Chobani Global Holdings LLC	Consumer non cyclical	5
Church & Dwight Co Inc	Consumer non cyclical	32
Cisco Systems Inc	Information technology	36
CIT Group Inc	Financials	13
Citigroup Inc	Financials	293
Clean Harbors Inc	Industrials	2
Cleveland-Cliffs Inc	Basic Materials	9
Clorox Co/The	Consumer non cyclical	27
CNX Resources Corp	Energy	6
Colfax Corp	Industrials	9
Comcast Corp	Telecommunication	71
CommScope Holding Co Inc	Information technology	11
Community Health Systems Inc	Health Care	23
Comstock Resources Inc	Energy	3
Consolidated		
Communications Ho	Telecommunication	3
Continental Resources Inc/OK	Energy	27
Cox Enterprises Inc	Telecommunication	51
Crestwood Equity Partners LP	Energy	11
Crown Castle International Cor	Telecommunication	66
Crown Holdings Inc	Industrials	29
CrownRock LP	Energy	5
CSX Corp	Industrials	9
CubeSmart	Real Estate	19
Cumberland Farms Inc	Consumer cyclical	6
CVR Partners LP	Basic Materials	9
CVS Health Corp	Consumer cyclical	29
CyrusOne Inc	Financials	9

Dalian Hexing Investment Co Lt	Consumer cyclical	6
Danaher Corp	Health Care	15
DaVita Inc	Health Care	11
DCP Midstream LP	Energy	12
DDR Corp	Real Estate	26
Dean Foods Co	Consumer non cyclical	10
Dell Technologies Inc	Information technology	120
Delta Air Lines Inc	Consumer cyclical	3
Denbury Resources Inc	Energy	4
Deutsche Telekom AG	Telecommunication	37
DFC Holdings LLC	Consumer non cyclical	5
Diamond BC BV	Consumer non cyclical	8
Diamondback Energy Inc	Energy	5
Digital Realty Trust Inc	Real Estate	25
Discover Financial Services	Financials	91
Discovery Communications Inc	Telecommunication	31
DISH Network Corp	Telecommunication	35
DJO Global Inc	Health Care	6
Dollar Tree Inc	Consumer cyclical	4
Dominion Energy Inc	Energy	38
DowDuPont Inc	Basic Materials	14
Dr Pepper Snapple Group Inc	Consumer non cyclical	44
Duke Energy Corp	Utilities	55
Dynegy Inc	Utilities	17
E*TRADE Financial Corp	Financials	13
eBay Inc	Consumer cyclical	44
EchoStar Corp	Telecommunication	15
Edgewell Personal Care Co	Consumer non cyclical	4
Eli Lilly & Co	Consumer non cyclical	14
Enable Midstream Partners LP	Energy	48
Enbridge Energy Partners LP	Energy	17
Enbridge Inc	Energy	10
Encompass Health Corp	Health Care	8
Endeavor Energy Resources LP	Energy	4
Endo International PLC	Consumer non cyclical	9
Energy Transfer Equity LP	Energy	20
Energy Transfer Partners LP	Energy	90
EnerSys	Industrials	8
EnLink Midstream Partners LP	Energy	14
EnSCO PLC	Energy	11
Entegris Inc	Industrials	3
Entergy Corp	Utilities	44
Envision Healthcare Corp	Health Care	12
EP Energy Corp	Energy	8
EQT Corp	Energy	23
Equinix Inc	Financials	56
Essex Property Trust Inc	Real Estate	25
Estee Lauder Cos Inc/The	Consumer non cyclical	35
Exelon Corp	Utilities	93
Fertitta Entertainment Inc	Consumer cyclical	3
Fidelity National Information	Information technology	20
First Data Corp	Information technology	22

First Horizon National Corp	Financials	27
FirstEnergy Corp	Utilities	118
Ford Motor Co	Consumer cyclical	72
Freeport-McMoRan Inc	Basic Materials	24
Frontier Communications Corp	Telecommunication	22
FXI Holdings Inc	Industrials	4
G Holdings Inc	Industrials	15
Gaming and Leisure Properties	Consumer cyclical	17
Gates Industrial Corp PLC	Consumer cyclical	5
General Electric Co	Industrials	55
General Motors Co	Consumer cyclical	67
Genesis Energy LP	Energy	3
Georgia-Pacific LLC	Basic Materials	15
Gogo Inc	Telecommunication	2
Goldman Sachs Group Inc/The	Financials	393
Goodyear Tire & Rubber Co/The	Consumer cyclical	3
Gray Television Inc	Telecommunication	2
Greeneden Topco SCA	Information technology	6
Gulfport Energy Corp	Energy	4
Halcon Resources Corp	Energy	4
Halliburton Co	Energy	23
Hanesbrands Inc	Consumer cyclical	22
Hartford Financial Services Gr	Financials	47
HCA Healthcare Inc	Health Care	66
Herc Holdings Inc	Industrials	7
Hertz Global Holdings Inc	Industrials	14
Hess Corp	Energy	12
Hexion Holdings LLC	Basic Materials	5
Hindalco Industries Ltd	Basic Materials	6
Hologic Inc	Health Care	4
Hornbeck Offshore Services Inc	Energy	<0.5
HRG Group Inc	Consumer non cyclical	10
HSBC Holdings PLC	Financials	26
Hubbell Inc	Industrials	20
Huntington Bancshares Inc/OH	Financials	55
Huntsman Corp	Basic Materials	21
Iberdrola SA	Utilities	20
iHeartMedia Inc	Telecommunication	24
Infor Software Parent LLC	Information technology	34
International Game Technology	Consumer cyclical	19
International Paper Co	Basic Materials	14
Interpublic Group of Cos Inc/T	Telecommunication	43
IQVIA Holdings Inc	Information technology	39
Iron Mountain Inc	Information technology	18
JBS SA	Consumer non cyclical	9
JC Penney Co Inc	Consumer cyclical	<0.5
JELD-WEN Holding Inc	Industrials	3
Johnson & Johnson	Consumer non cyclical	13
Jonah Energy LLC	Energy	3
Jones Energy Inc	Energy	3
JPMorgan Chase & Co	Financials	238
Kellogg Co	Consumer non cyclical	23

Kinder Morgan Inc/DE	Energy	79
Kindred Healthcare Inc	Health Care	7
KLX Inc	Industrials	9
Kraft Heinz Co/The	Consumer non cyclical	72
L Brands Inc	Consumer cyclical	9
L3 Technologies Inc	Industrials	22
Laredo Petroleum Inc	Energy	2
Legacy Reserves LP	Energy	<0.5
Lennar Corp	Consumer cyclical	9
Levi Strauss & Co	Consumer cyclical	13
Liberty Interactive Corp QVC G	Telecommunication	15
Life Storage Inc	Real Estate	20
LifePoint Health Inc	Health Care	3
Loews Corp	Energy	5
Macy's Inc	Consumer cyclical	12
Mallinckrodt PLC	Consumer non cyclical	6
Marathon Oil Corp	Energy	36
Marathon Petroleum Corp	Energy	63
Marsh & McLennan Cos Inc	Financials	17
Mattel Inc	Consumer non cyclical	4
Maxim Integrated Products Inc	Information technology	20
McCormick & Co Inc/MD	Consumer non cyclical	38
Medical Properties Trust Inc	Financials	41
Medtronic PLC	Health Care	37
Merck & Co Inc	Consumer non cyclical	21
Meritor Inc	Consumer cyclical	3
MetLife Inc	Financials	33
MGM Resorts International	Consumer cyclical	29
Microsoft Corp	Information technology	61
Mohawk Industries Inc	Industrials	22
Mohegan Gaming & Entertainment	Consumer cyclical	7
Molson Coors Brewing Co	Consumer non cyclical	58
Mondelez International Inc	Consumer non cyclical	13
Morgan Stanley	Financials	440
Multi-Color Corp	Industrials	7
Murphy Oil Corp	Energy	9
Nabors Industries Ltd	Energy	4
National CineMedia Inc	Telecommunication	2
National Fuel Gas Co	Energy	26
Navistar International Corp	Consumer cyclical	4
Neiman Marcus Group Inc	Consumer cyclical	2
NetApp Inc	Information technology	18
Netflix Inc	Telecommunication	38
Newell Brands Inc	Consumer non cyclical	46
Newfield Exploration Co	Energy	29
Nexstar Media Group Inc	Telecommunication	6
Next Alt Sarl	Telecommunication	58
NextEra Energy Inc	Utilities	17
NextEra Energy Partners LP	Utilities	26
NGPL Holdco LLC	Energy	10
Nielsen Holdings PLC	Telecommunication	7

Noble Energy Inc	Energy	11
Norfolk Southern Corp	Industrials	15
Northrop Grumman Corp	Industrials	58
Northwest Acquisitions ULC	Basic Materials	3
NRG Energy Inc	Utilities	17
Nuance Communications Inc	Information technology	9
Oasis Petroleum Inc	Energy	7
Olin Corp	Basic Materials	11
Omnicom Group Inc	Telecommunication	52
Omnimax Holdings Inc	Industrials	5
ONEOK Inc	Energy	14
Oracle Corp	Information technology	77
Ortho-Clinical Diagnostics Inc	Health Care	5
Outfront Media Inc	Telecommunication	6
Owens-Illinois Inc	Industrials	39
Packaging Holdings Ltd	Industrials	21
Parker Drilling Co	Energy	1
Park-Ohio Holdings Corp	Industrials	4
Parsley Energy Inc	Energy	1
PBF Energy Inc	Energy	6
PDC Energy Inc	Energy	3
Penske Truck Leasing Co LP	Industrials	31
Performance Food Group Co	Consumer cyclical	4
Perrigo Co PLC	Consumer non cyclical	17
Philip Morris International In	Consumer non cyclical	12
Phillips 66	Energy	50
Pinnacle Foods Inc	Consumer non cyclical	5
Plantronics Inc	Information technology	6
Platform Specialty Products Co	Basic Materials	18
PolyOne Corp	Basic Materials	1
Pomegranate Parent Holdings In	Consumer non cyclical	<0.5
Post Holdings Inc	Consumer non cyclical	51
PPL Corp	Utilities	50
Prestige Brands Holdings Inc	Consumer non cyclical	15
Priceline Group Inc/The	Consumer cyclical	27
Prime Security Services Topco	Consumer cyclical	10
Procter & Gamble Co/The	Consumer non cyclical	13
Prologis Inc	Real Estate	32
Prudential Financial Inc	Financials	24
Puget Holdings LLC	Utilities	42
PulteGroup Inc	Consumer cyclical	9
PVH Corp	Consumer cyclical	29
QEP Resources Inc	Energy	6
QUALCOMM Inc	Information technology	26
Rackspace Hosting Inc	Information technology	7
Radiate Holdings GP LLC	Telecommunication	6
Range Resources Corp	Energy	9
Rayonier Advanced Materials In	Basic Materials	10
Regions Financial Corp	Financials	20
Revlon Inc	Consumer non cyclical	8
Rite Aid Corp	Consumer cyclical	7
Riverbed Holdings Inc	Information technology	8

Rockwell Collins Inc	Industrials	31
Rowan Cos Plc	Energy	5
RR Donnelley & Sons Co	Telecommunication	8
S&P Global Inc	Telecommunication	42
Sable Permian Resources Holdin	Energy	5
Sanchez Energy Corp	Energy	6
SBA Communications Corp	Telecommunication	8
Schlumberger Ltd	Energy	21
Scientific Games Corp	Consumer cyclical	23
Sealed Air Corp	Industrials	24
Sempra Energy	Utilities	47
Sensata Technologies Holding N	Information technology	15
Sherwin-Williams Co/The	Basic Materials	37
Shire PLC	Consumer non cyclical	116
Silgan Holdings Inc	Industrials	19
Simmons Foods Inc	Consumer non cyclical	8
Sinclair Broadcast Group Inc	Telecommunication	11
Sirius XM Holdings Inc	Telecommunication	38
SM Energy Co	Energy	10
SoftBank Group Corp	Telecommunication	62
Solera Global Holding Corp	Information technology	12
Southern Co/The	Utilities	191
Southern Natural Gas Co LLC	Energy	15
Southwest Gas Holdings Inc	Utilities	10
Southwestern Energy Co	Energy	11
Steel Dynamics Inc	Basic Materials	3
Sterigenics US LLC	Health Care	8
Sugarhouse HSP		
Gaming Prop Mez	Consumer cyclical	7
Summit Materials Inc	Industrials	9
Sunoco LP	Energy	6
Superior Energy Services Inc	Energy	4
Superior Industries Internatio	Consumer cyclical	6
SUPERVALU Inc	Consumer non cyclical	1
Symantec Corp	Information technology	1
Synchrony Financial	Financials	33
Talen Energy Corp	Utilities	11
Targa Resources Corp	Energy	29
TEGNA Inc	Telecommunication	8
Teleflex Inc	Health Care	3
Tempur Sealy International Inc	Consumer non cyclical	12
Tenet Healthcare Corp	Health Care	37
Tennant Co	Industrials	5
Tenneco Inc	Consumer cyclical	9
Tesla Inc	Consumer cyclical	6
Texas Energy Future Holdings L	Utilities	32
Thermo Fisher Scientific Inc	Health Care	26
TIBCO Software Inc	Information technology	11
Time Warner Inc	Telecommunication	40
Toll Brothers Inc	Consumer cyclical	16
TransCanada Corp	Energy	31
TransDigm Group Inc	Industrials	22

Transocean Ltd	Energy	16
Triumph Group Inc	Industrials	4
Tronox Ltd	Basic Materials	20
Tutor Perini Corp	Industrials	6
Tyson Foods Inc	Consumer non cyclical	62
UHS Holdco Inc	Health Care	4
Ultra Petroleum Corp	Energy	3
Unit Corp	Energy	1
United Continental Holdings In	Industrials	14
United Rentals Inc	Industrials	26
United States Steel Corp	Basic Materials	7
United Technologies Corp	Industrials	23
UnitedHealth Group Inc	Financials	14
Uniti Group Inc	Telecommunication	13
Univision Holdings Inc	Telecommunication	8
US Bancorp	Financials	75
US Foods Holding Corp	Consumer non cyclical	1
USG Corp	Industrials	27
Vail Holdco Corp	Health Care	27
Valeant Pharmaceuticals Intern	Consumer non cyclical	82
Veritas Holdings Ltd	Information technology	11
Verizon Communications Inc	Telecommunication	165
Viacom Inc	Telecommunication	15
ViaSat Inc	Telecommunication	5
Vine Resources Inc	Energy	3
Visa Inc	Consumer cyclical	33
Voya Financial Inc	Financials	23
Walgreens Boots Alliance Inc	Consumer cyclical	32
Waste Management Inc	Industrials	17
Weatherford International PLC	Energy	14
Wells Fargo & Co	Financials	129
Westar Energy Inc	Utilities	23
Western Digital Corp	Information technology	23
Westlake Chemical Corp	Basic Materials	50
Whiting Petroleum Corp	Energy	6
WildHorse Resource Development	Energy	2
Williams Cos Inc/The	Energy	47
Willis Towers Watson PLC	Financials	24
Windstream Holdings Inc	Telecommunication	3
Worldpay Inc	Information technology	11
WPX Energy Inc	Energy	4
Wyndham Worldwide Corp	Consumer cyclical	25
Wynn Resorts Ltd	Consumer cyclical	15
Xcel Energy Inc	Utilities	10
Xilinx Inc	Information technology	20
XPO Logistics Inc	Industrials	14
Yum! Brands Inc	Consumer cyclical	8
Zayo Group Holdings Inc	Telecommunication	13
Zimmer Biomet Holdings Inc	Health Care	48



<b>Oceania</b>			<b>556</b>
<b>Australia</b>			<b>450</b>
	Aurizon Holdings Ltd	Industrials	32
	BHP Billiton Ltd	Basic Materials	51
	Brambles Ltd	Industrials	14
	Commonwealth Bank of Australia	Financials	24
	Fortescue Metals Group Ltd	Basic Materials	3
	Goodman Group	Real Estate	20
	National Australia Bank Ltd	Securitized	89
	Newcrest Mining Ltd	Basic Materials	27
	Origin Energy Ltd	Utilities	26
	Scentre Group	Real Estate	35
	Transurban Group	Industrials	102
	Westpac Banking Corp	Securitized	28
<b>New Zealand</b>			<b>106</b>
	Chorus Ltd	Telecommunication	38
	Commonwealth Bank of Australia	Financials	48
	National Australia Bank Ltd	Securitized	20
<b>South America</b>			<b>20</b>
<b>Brazil</b>			<b>20</b>
	JBS SA	Consumer non cyclical	13
	Petroleo Brasileiro SA	Energy	7
<b>Grand Total</b>			<b>27,512</b>

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